

8/22/2003

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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	08/027,315-10/645,441
			Filing Date	August 10, 2001
			First Named Inventor	Zuker, Charles S.
			Group Art Unit	4645 1249
			Examiner Name	Unassigned BRANNOCK
Sheet 1	of 2	Attorney Docket Number	02307E-120110US	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
m	B1	PCT	WO 01/66563	A2	Senomyx, Inc.	09-13-2001		

Examiner Signature		Date Considered	11/9/2006
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	00/027,315 10/645491
		Filing Date	August 10, 2001
		First Named Inventor	Zuker, Charles S.
		Group Art Unit	4845-1649
		Examiner Name	Unassigned BRAWNLOCK
		Attorney Docket Number	02307E-120110US
Sheet	2	of	2

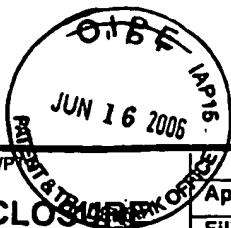
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Adler, <i>et al.</i> "A Novel Family of Mammalian Taste Receptors" <i>Cell</i> (March 2000) Vol. 100, pp. 693-702.	
	C2	Chandrashekar, <i>et al.</i> "T2Rs Function as Bitter Taste Receptors" <i>Cell</i> (March 2000) Vol. 100, pp. 703-711.	
	C3	Hoon, <i>et al.</i> "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity" <i>Cell</i> (February 1999) Vol. 96, pp. 541-551.	
	C4	Max, <i>et al.</i> "Tas1r3, Encoding A New Candidate Taste Receptor, is Allelic to the Sweet Responsiveness Locus Sac" <i>Nature Genetics</i> (May 2001) Vol. 28, pp. 58-63.	
	C5	Montmayeur, <i>et al.</i> "A Candidate Taste Receptor Gene Near a Sweet Taste Locus" <i>Nature Neuroscience</i> (May 2001) Vol. 4(5), pp. 492-498.	
	C6	Nelson, <i>et al.</i> "Mammalian Sweet Taste Receptors" <i>Cell</i> (August 2001) Vol. 106, pp. 381-390.	
	C7	Web page, Nelson, <i>et al.</i> <i>Nature advance online publication</i> , (February 24, 2002) "An Amino-acid Taste Receptor" (DOI 10.1038/nature726 www.nature.com)	

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SF 1331280 v1



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Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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submitted 6/14/06

Sheet	1	of	1	Application No.	10/645,441
				Filing Date	August 20, 2003
				First Named Inventor	Charles S. Zuker
				Art Unit	1649
				Examiner Name	Michael T. Brannock
				Attorney Docket Number	23540-10727 (UC REF.: 2001-510-5)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
M ↓	A1	US-2004/0229239 A1	11-18-2004	Adler et al.
	A2	US-2004/0209286 A1	10-21-2004	Adler et al.
	A3	US-2004/0191805 A1	09-30-2004	Adler et al.
	A4	US-2004/0171042 A1	09-02-2004	Adler et al.
	A5	US-2004/0132075 A1	07-08-2001	Elliot et al.
		US-		
		US-		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
W ↓	C1	ALEXANDER, H. et al., "Altering the Antigenicity of Proteins," Proc. Natl. Acad. Sci. USA, April 1992, pp. 3352-3356, Vol. 89.	
	C2	BOWIE, J.U. et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," Science, 1990, pp. 1306-1310, Vol. 247.	
	C3	GUO, H.H. et al., "Protein Tolerance to Random Amino Acid Change," PNAS, pp. 9205-9210, June 22, 2004, Vol. 101, No. 25.	
	C4	HOON, M.A. et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity," Cell, February 19, 1999, pp. 541-551, Vol. 96.	

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47

Substitute for form 1449A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application No.	10/645,441
			Filing Date	August 20, 2003
			First Named Inventor	Charles S. Zuker
			Art Unit	1649
			Examiner Name	Michael T. Brannock
Submitted on October 4, 2006	Attorney Docket Number	23540-10727		
Sheet	1	of	1	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
M	A1	US-6,955,887 B2	10-18-2005	Adler et al.
		US-		
		US-		
		US-		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
M	B1	WO 00/06593	02-10-2000	The Regents of the University of California	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
M	C1	International Search Report, PCT/US02/21269, August 15, 2006, 4 pages.	

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